

FIG. 1

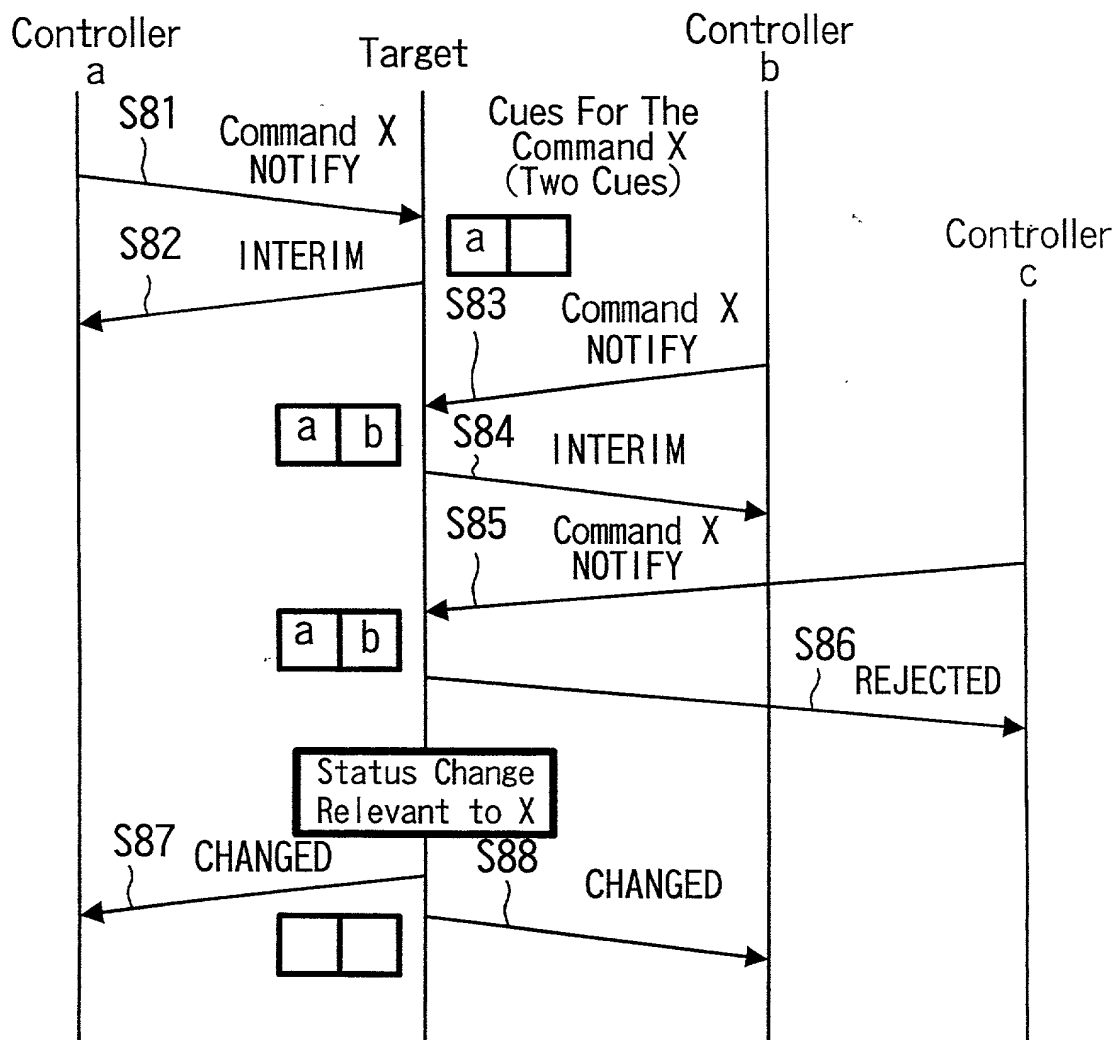


FIG. 2

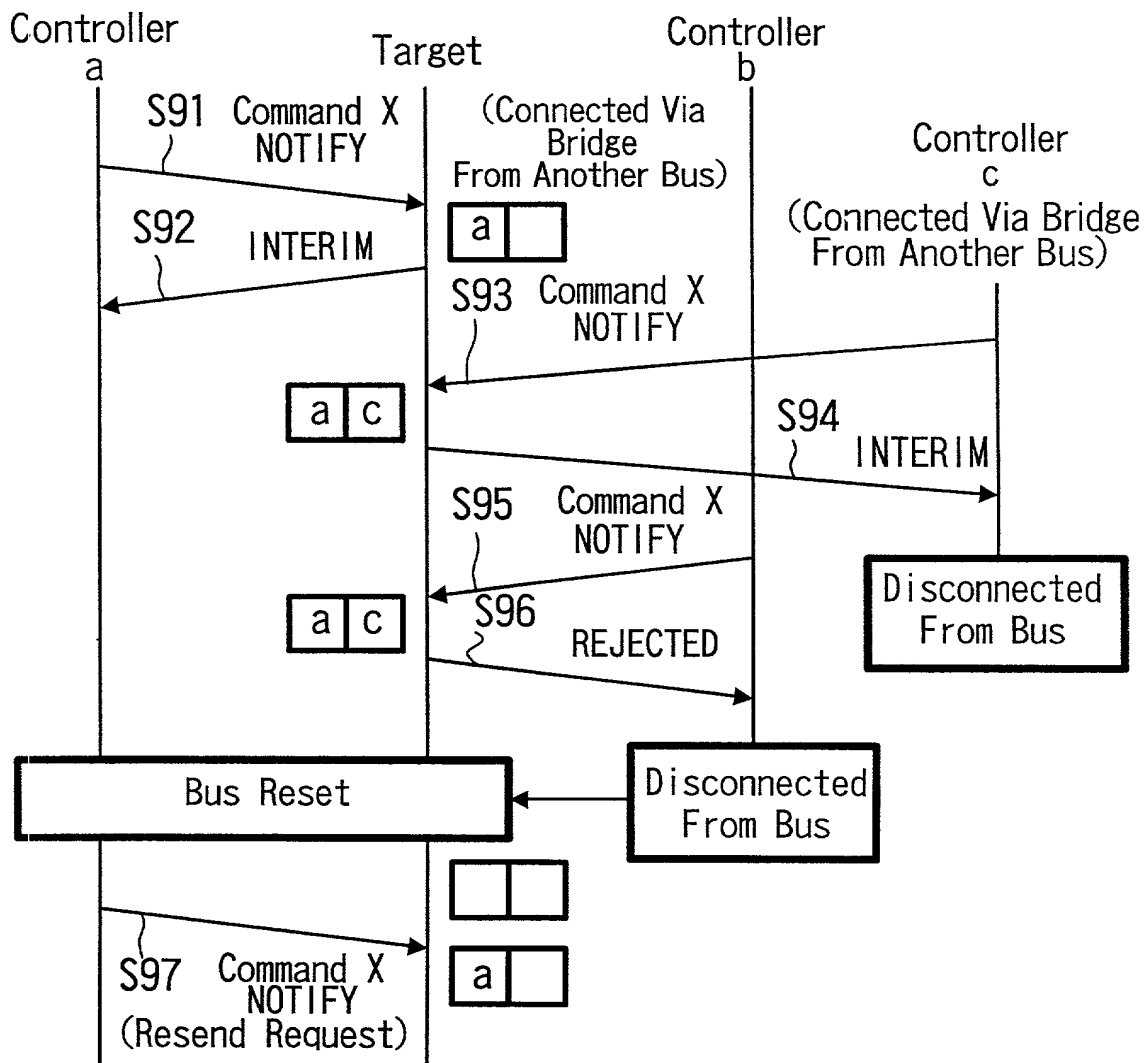


FIG. 3

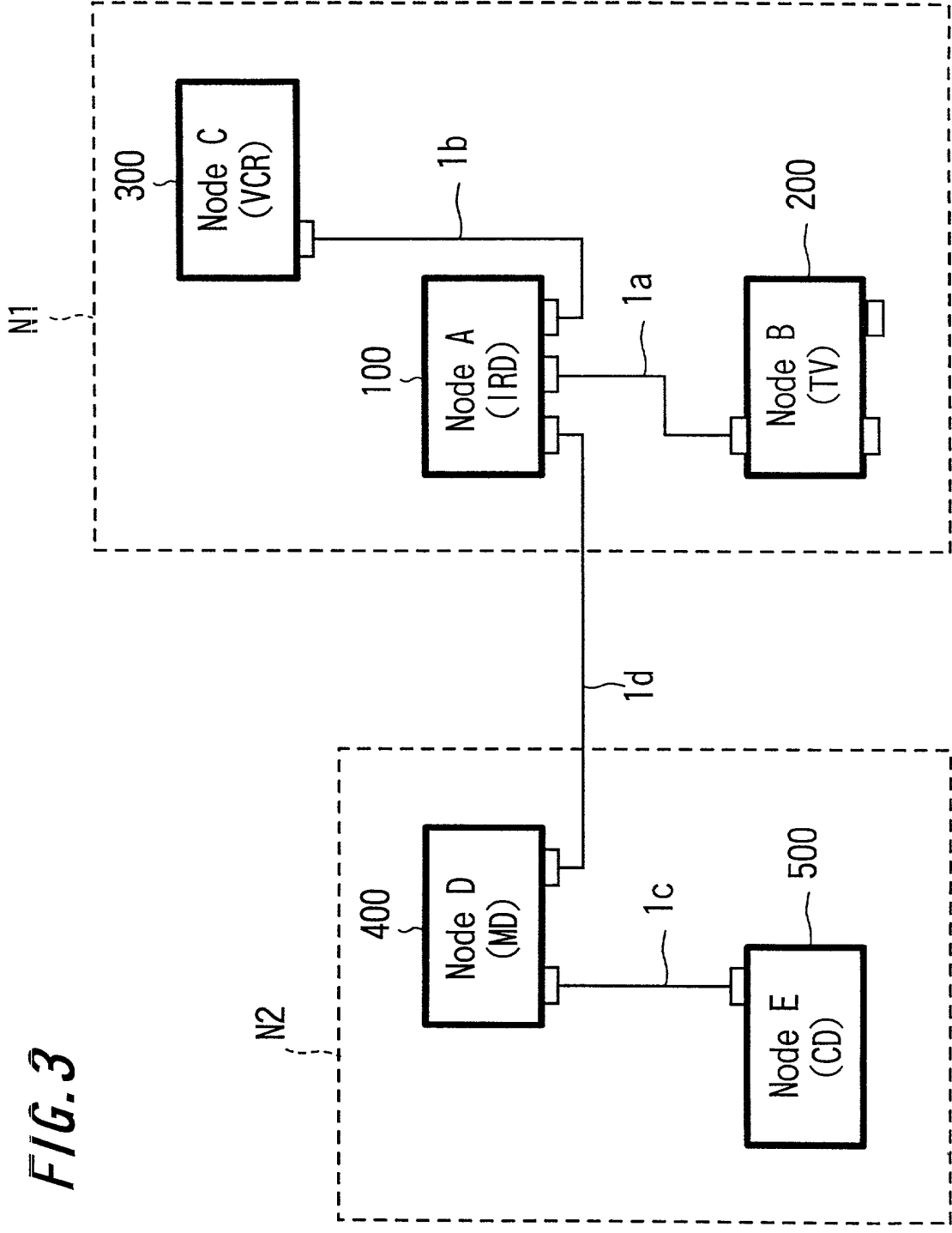


FIG. 4

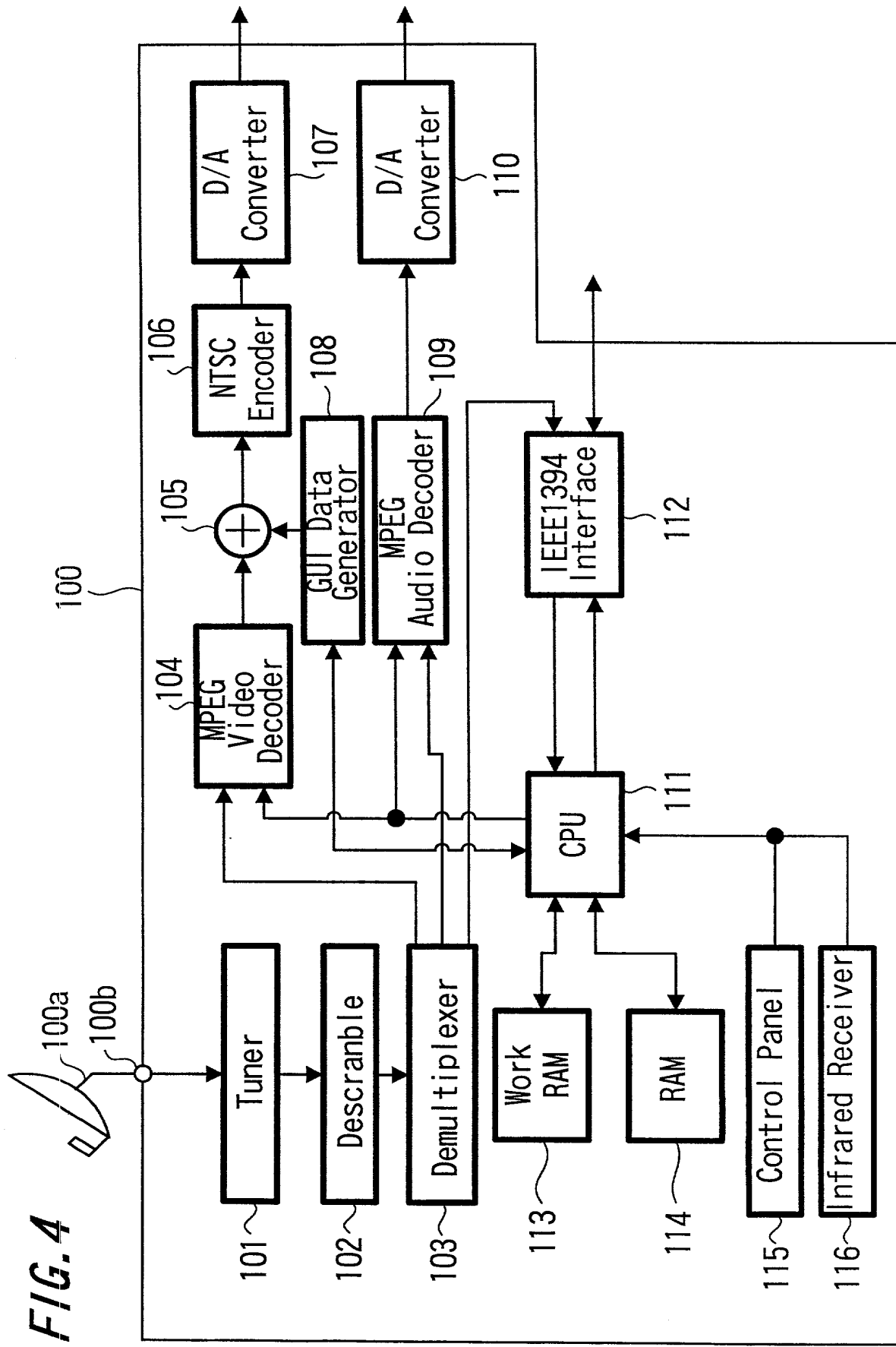


FIG. 5

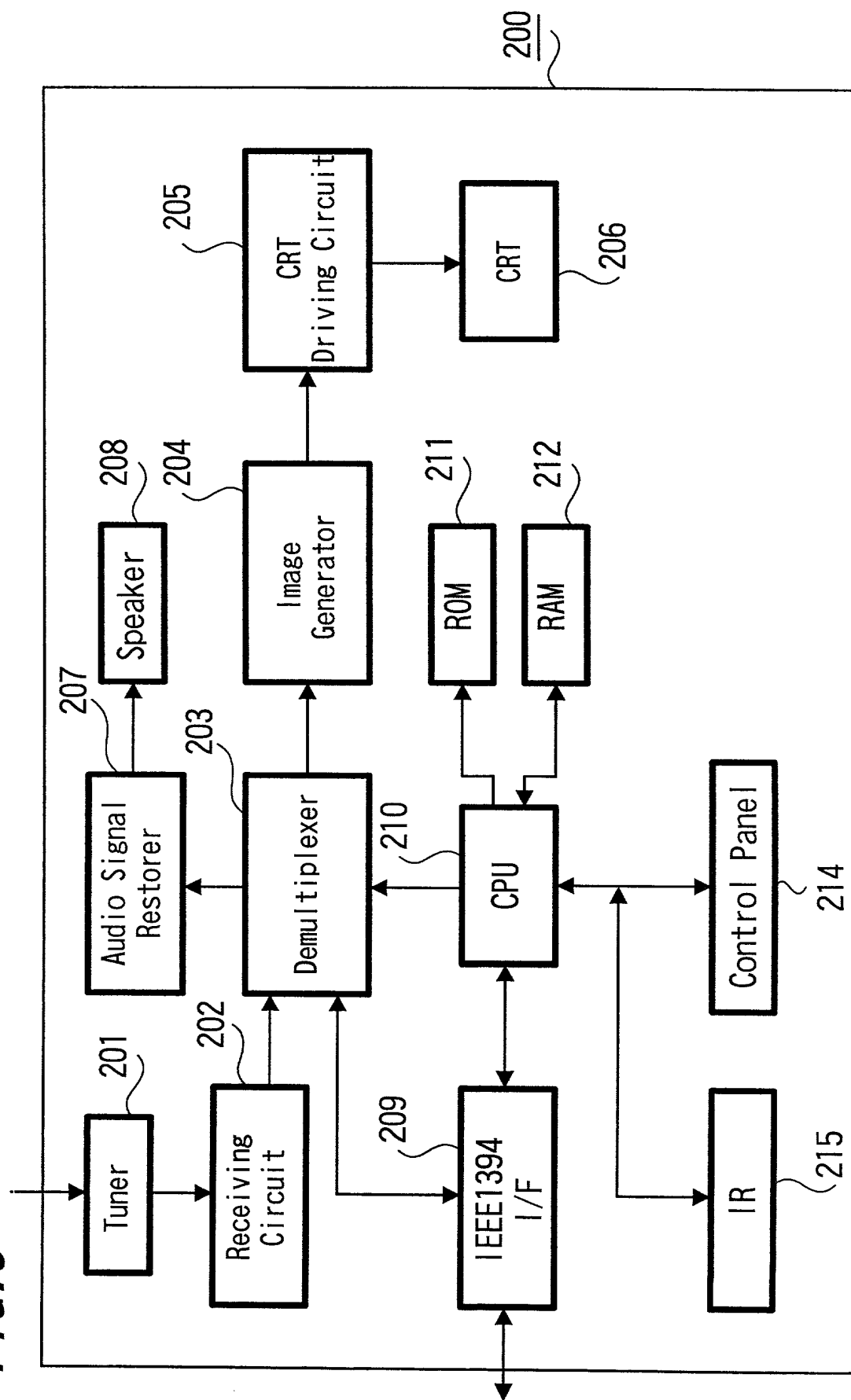


FIG. 6

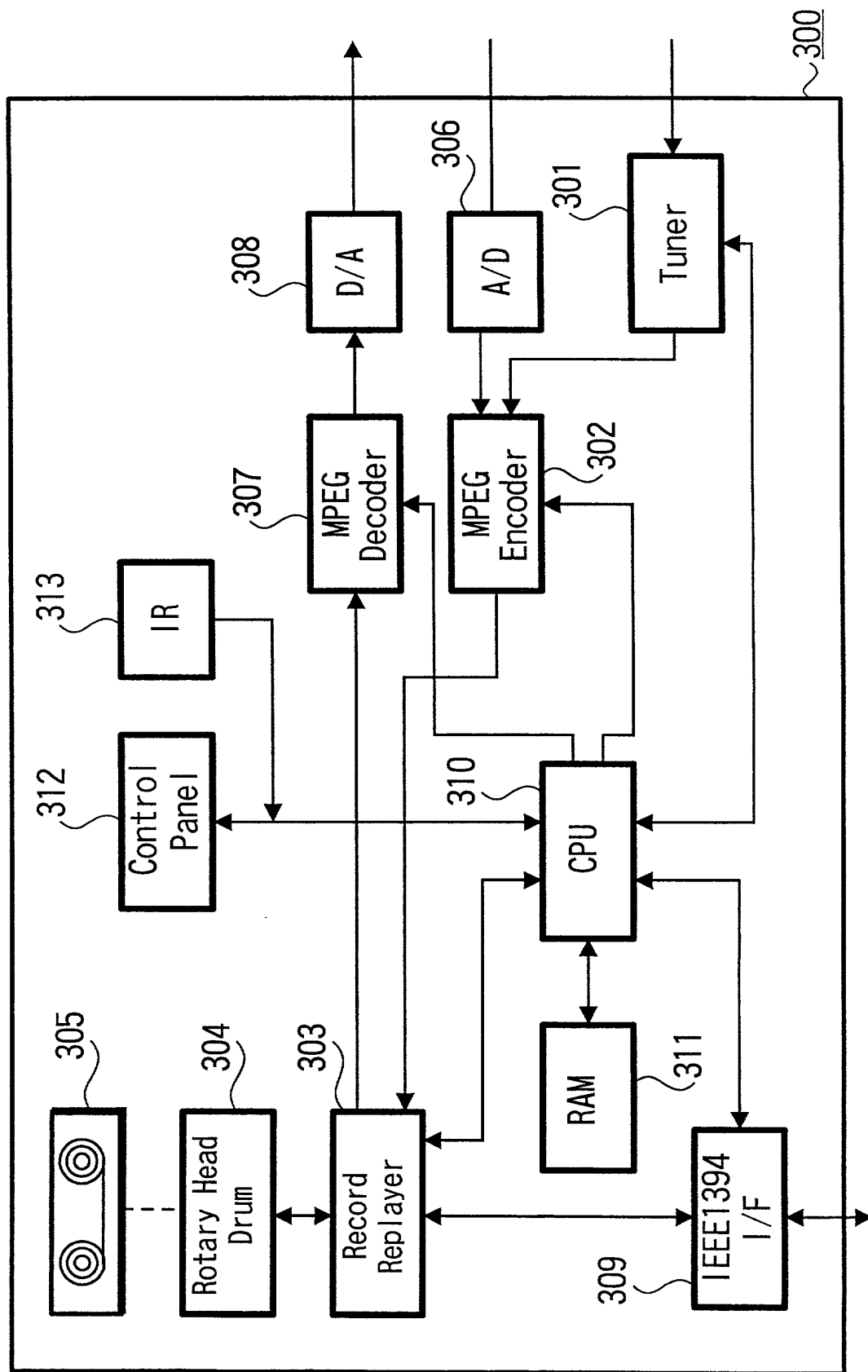


FIG. 7

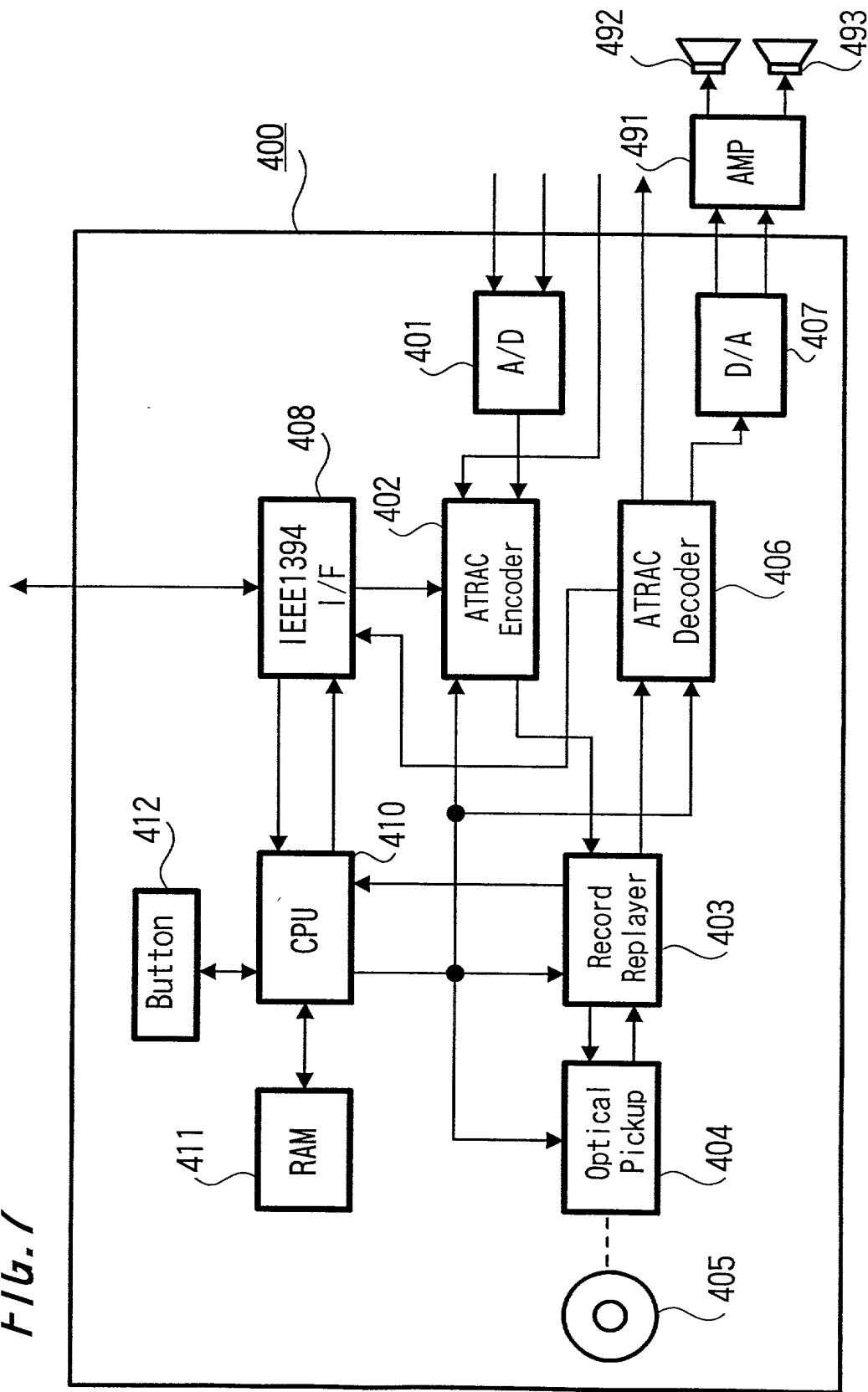


FIG. 8

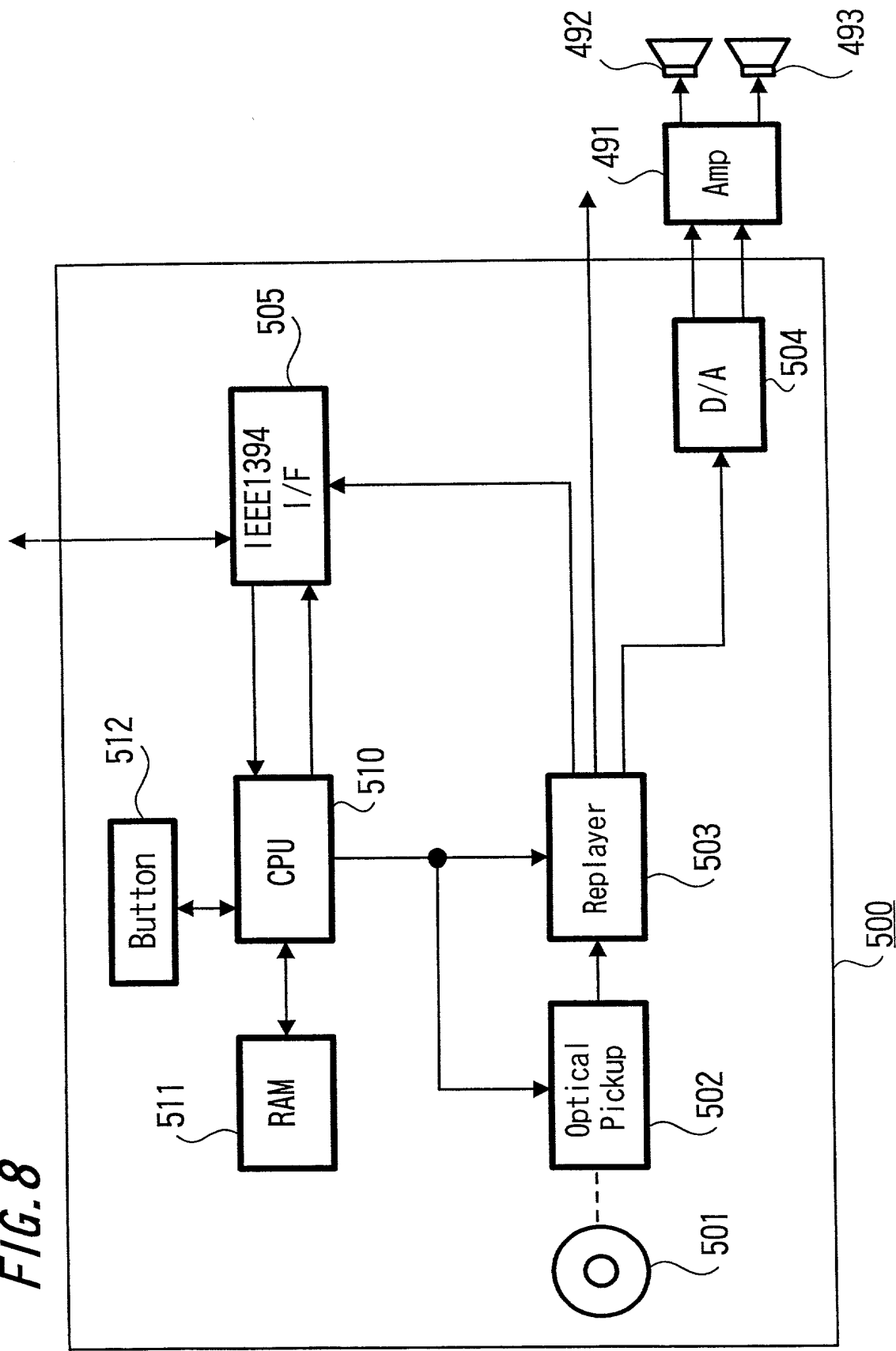


FIG. 9

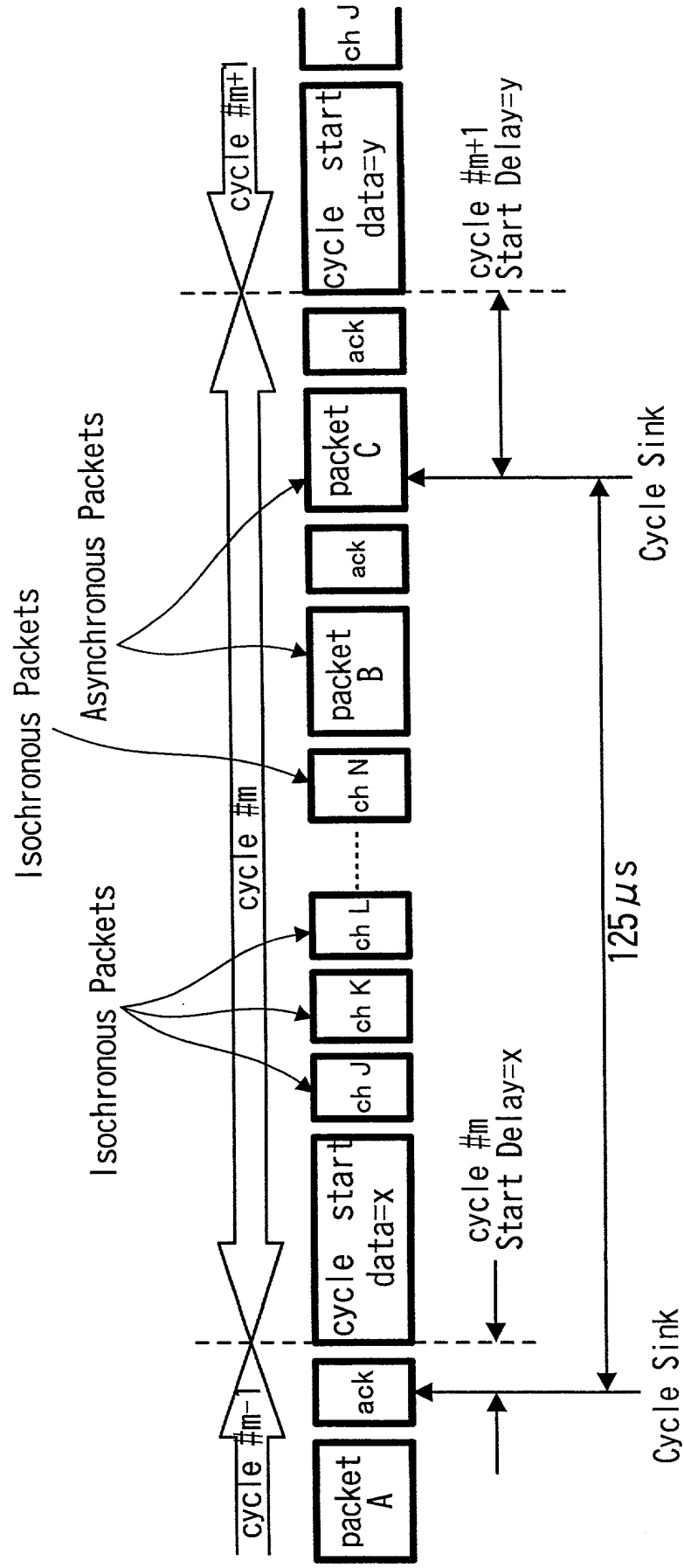


FIG. 10

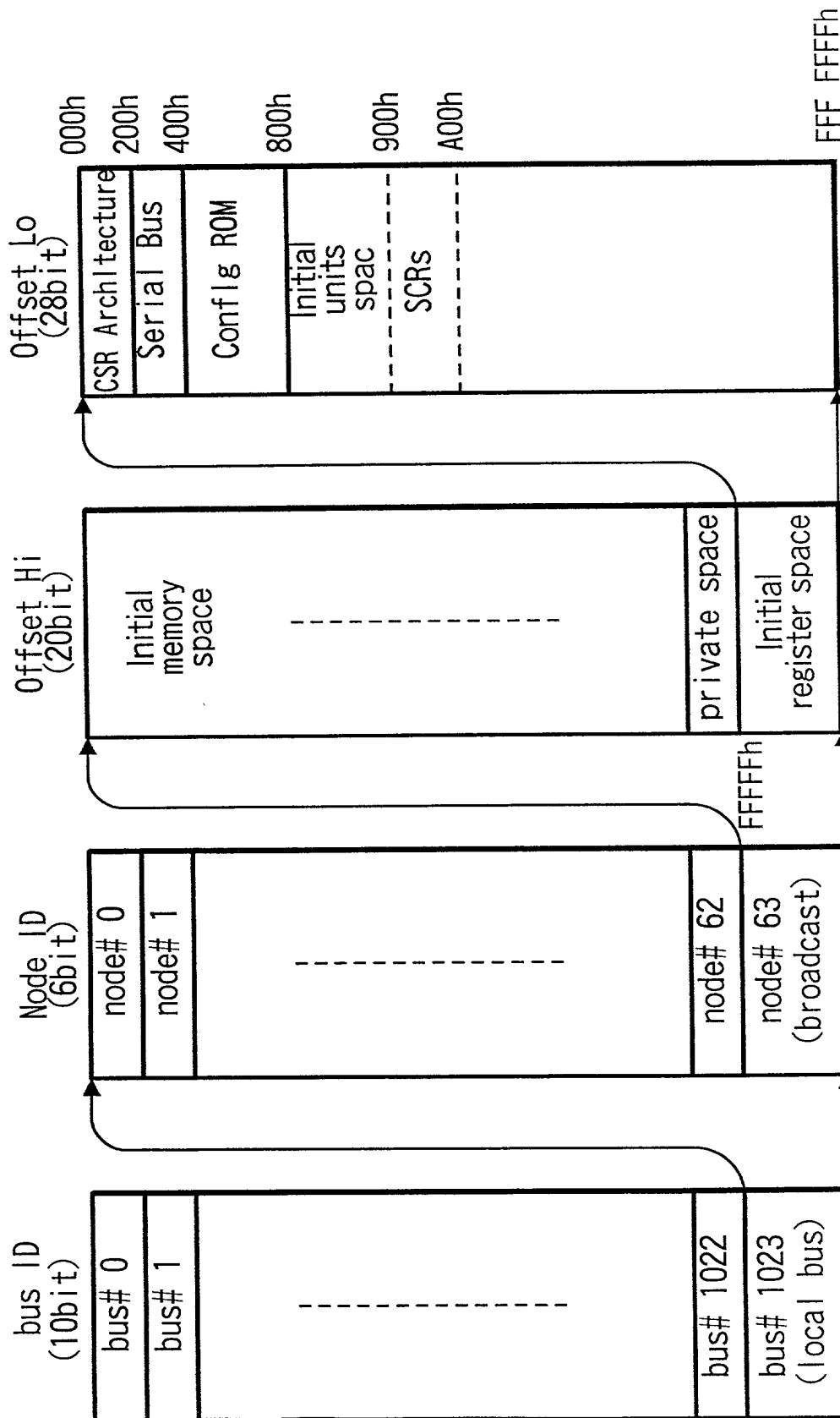


FIG. 11

Offset	Neme	Function
000h	STATE_CLEAR	State and Control Information
004h	STATE_SET	Statesets STATE_CLEAR Bit.
008h	NODE_IDS	Represents 16 Bit Node ID.
00Ch	RESET_START	Commences Command Reset.
018-01Ch	SPLIT_TIMEOUT	Sets Split Max. Time.
200h	CYCLE_TIME	Cycle Time
210h	BUSY_TIMEOUT	Limits Retry.
210h	BUS_MANAGER	Represents Bus Manager ID.
220h	BANDWIDTH_AVAILABLE	Shows Bandwidth Available For Isochronous Transmission.
224h-228h	CHANNELS_AVAILABLE	Shows Channel Availability Status

FIG. 12

Info__length	info__length	crc__length	rom__crc__value
↕	bus__info__block		
	root__directory		
	unit__directories		
	root & unit leaves		

FIG. 14

900h	Output Master Plug Register
904h	Output Plug Control Register #0
	Output Plug Control Register #1
⋮	⋮
97Ch	Output Plug Control Register #30
980h	Input Master Plug Register
984h	Input Plug Control Register #0
988h	Input Plug Control Register #1
⋮	⋮
9FCh	Input Plug Control Register #30

FIG. 13
400h

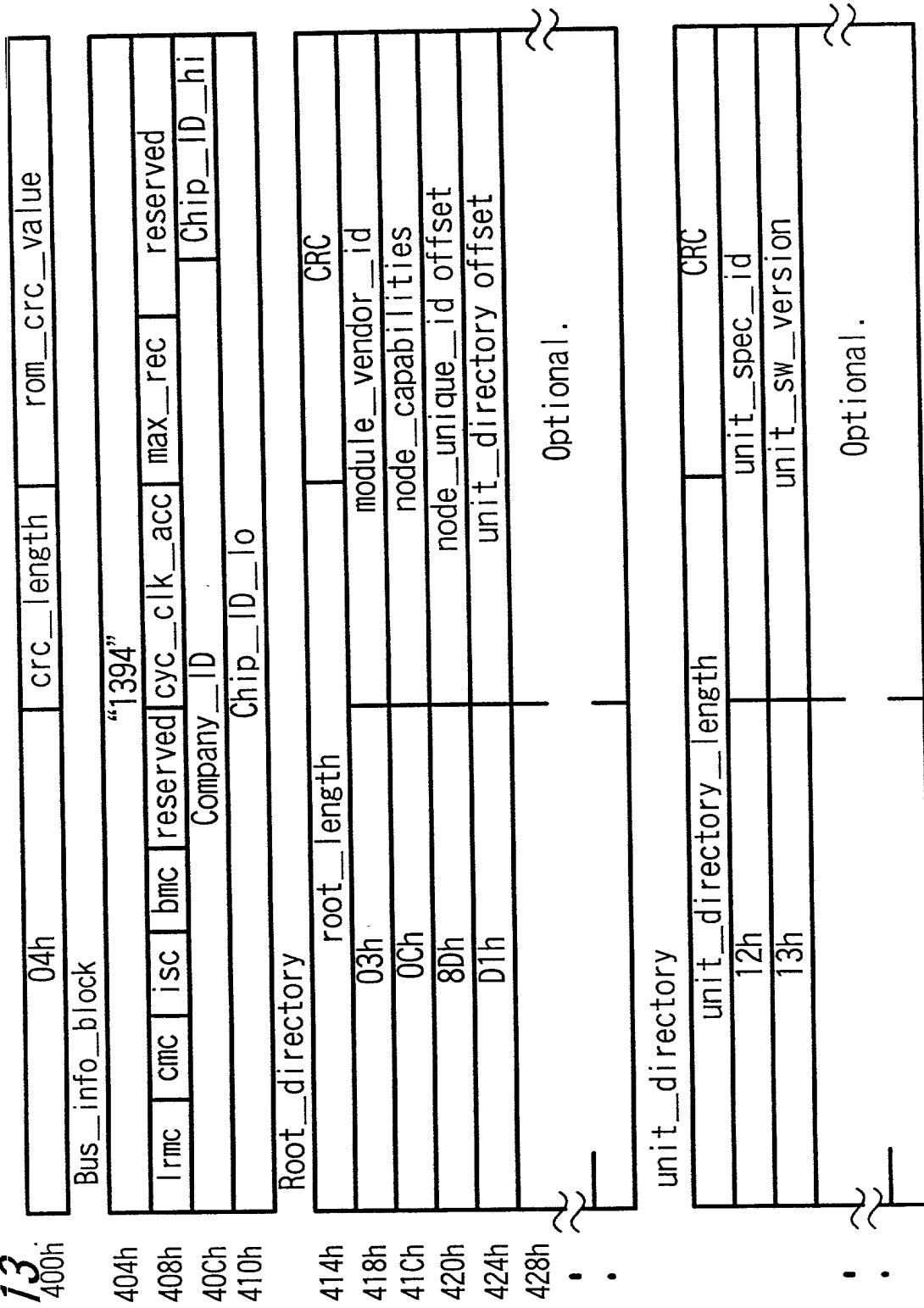


FIG. 15A

oMPR

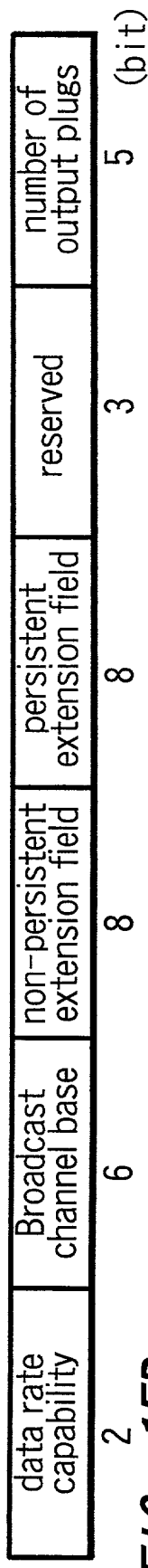


FIG. 15B

oPCR [n]

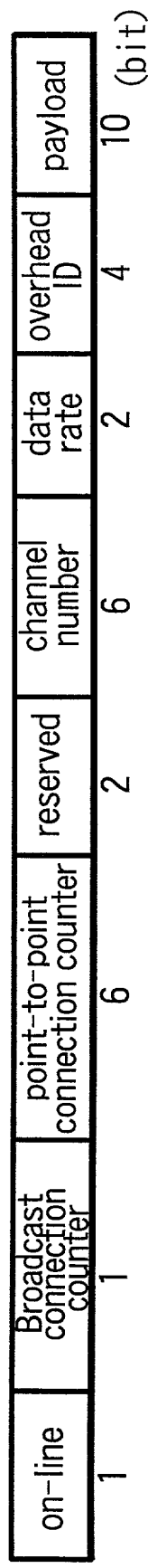


FIG. 15C

iMPR

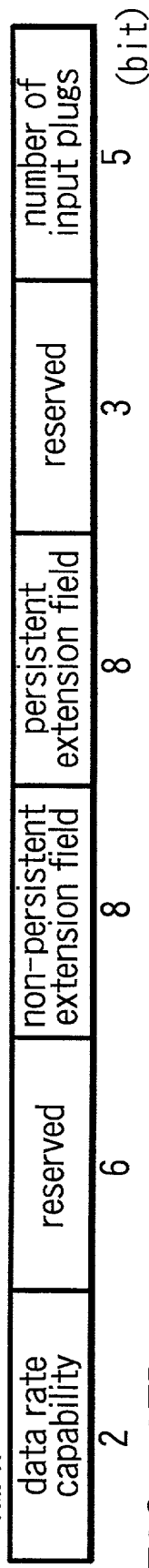


FIG. 15D

iPCR [n]

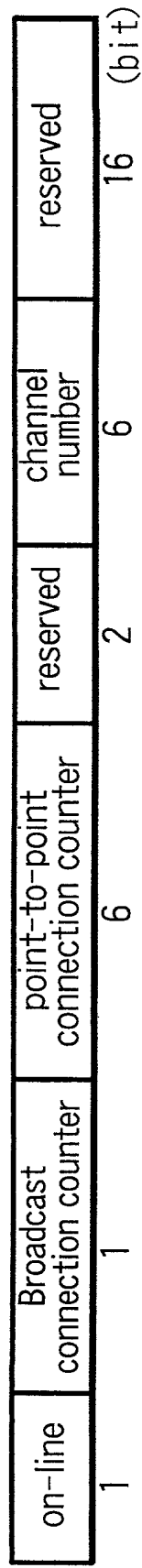


FIG. 16

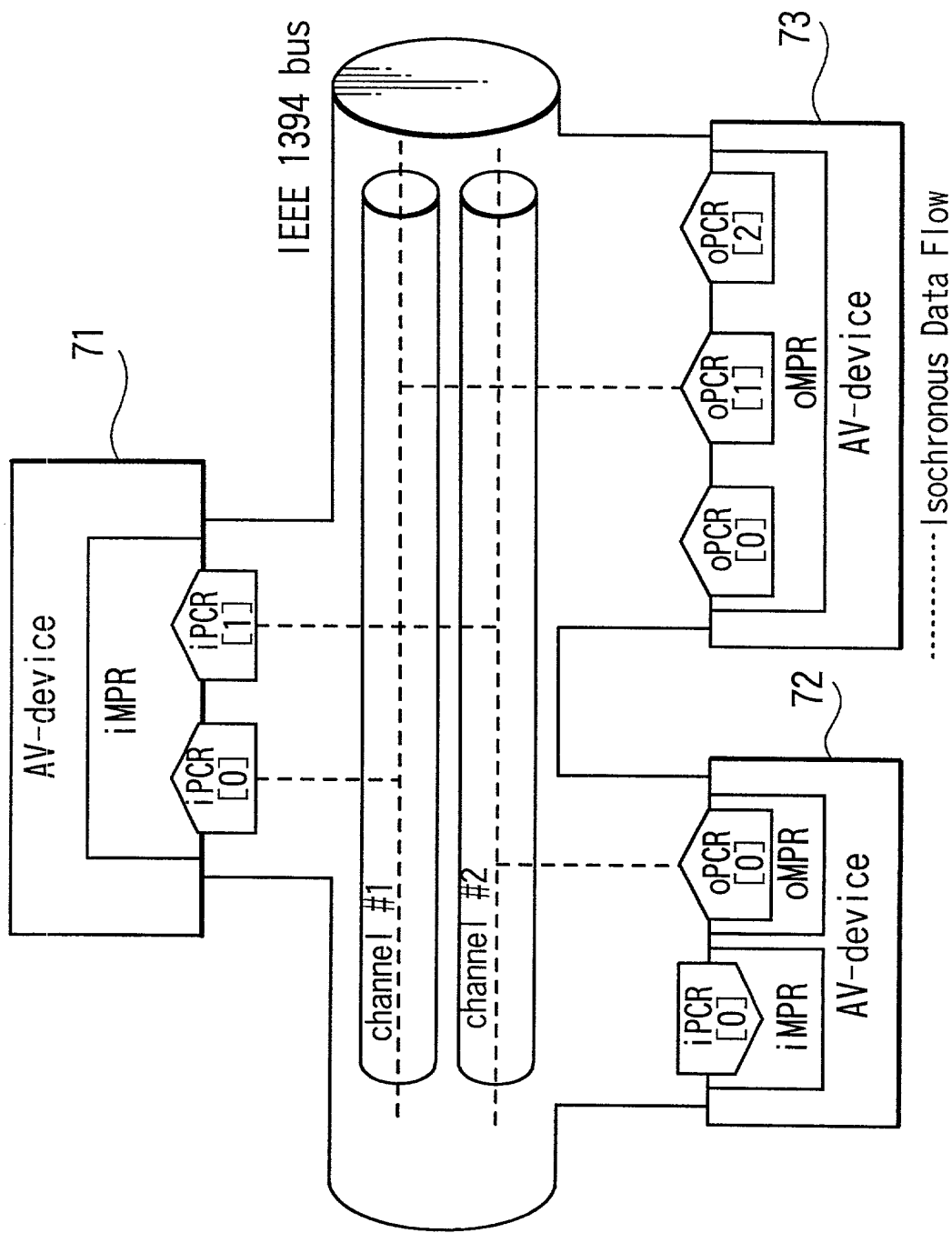


FIG. 17

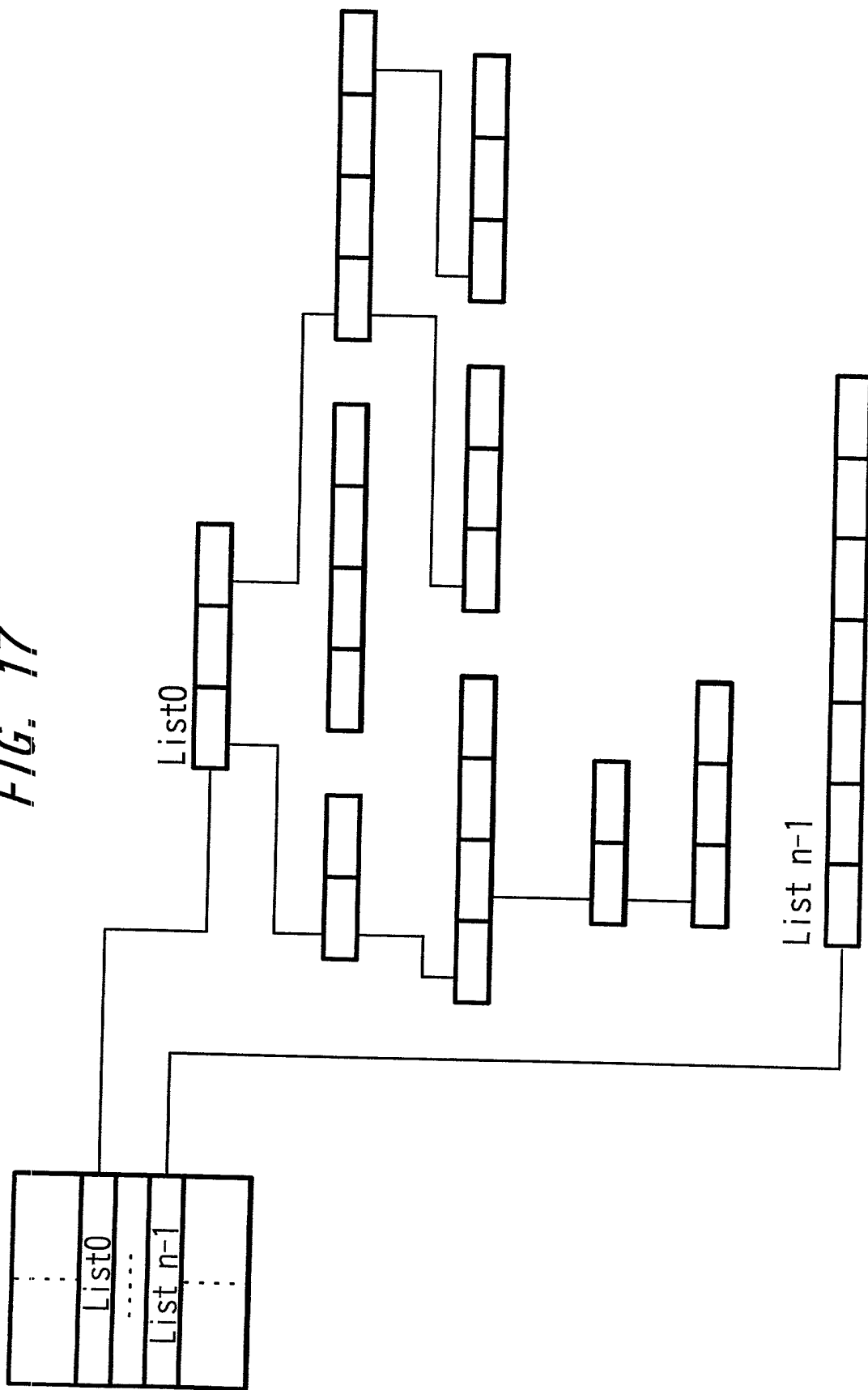


FIG. 18

The General Subunit Identifier Descriptor	
address	contents
00 00 ₁₆	descriptor__length
00 01 ₁₆	
00 02 ₁₆	generation_ID
00 03 ₁₆	size_of__list_ID
00 04 ₁₆	size_of__object_ID
00 05 ₁₆	size_of__object_position
00 06 ₁₆	number_of__root__object_lists(n)
00 07 ₁₆	
00 08 ₁₆	root_object_list_ID_0
:	
:	:
:	root_object_list_ID_n-1
:	
:	subunit__dependent__length
:	
:	subunit__dependent__information
:	
:	
:	manufacturer__dependent__length
:	
:	manufacturer__dependent__information
:	
:	

FIG. 19

generation_ID values	
generation_ID	meaning
00 ₁₆	Data structures and command sets as specified in the AV/C General Specification, version 3.0
all others	reserved for future specification

FIG. 20

List ID Value Assignment Ranges	
range of values	list definition
0000 ₁₆ -0FFF ₁₆	reserved
1000 ₁₆ -3FFF ₁₆	subunit-type dependent
4000 ₁₆ -FFFF ₁₆	reserved
1 000 ₁₆ -max list ID value	subunit-type dependent

FIG. 21

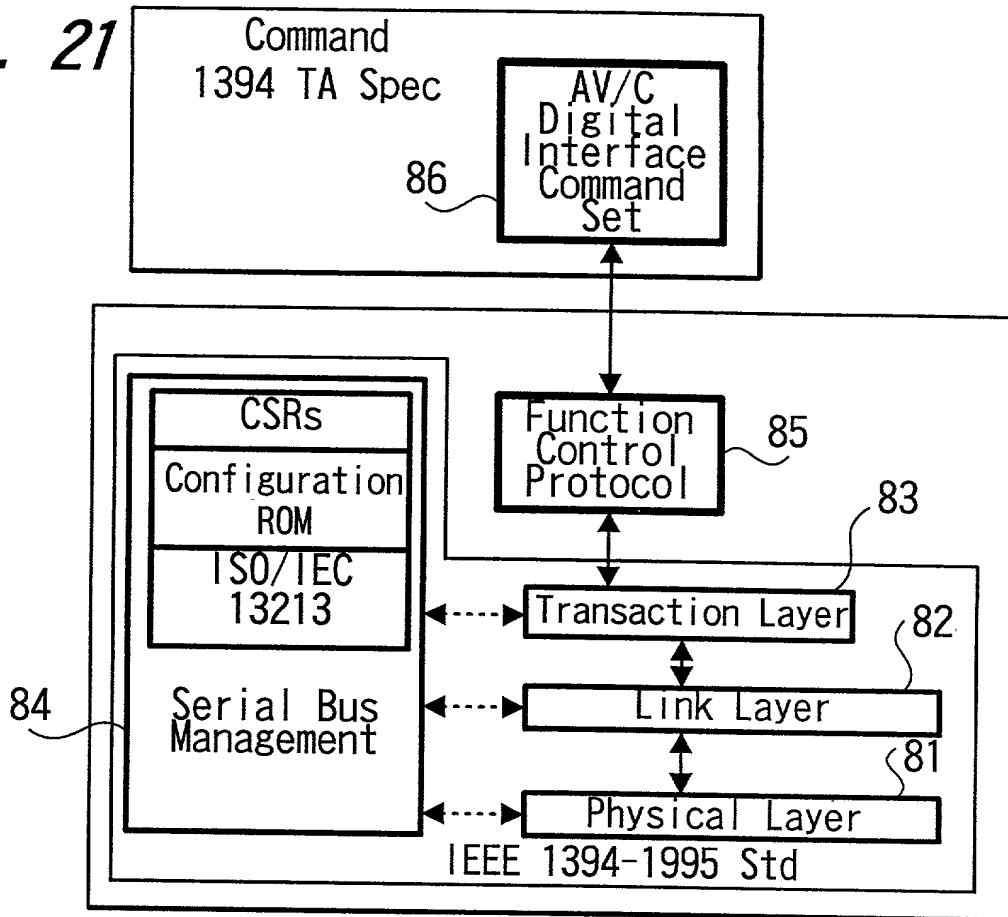


FIG. 22

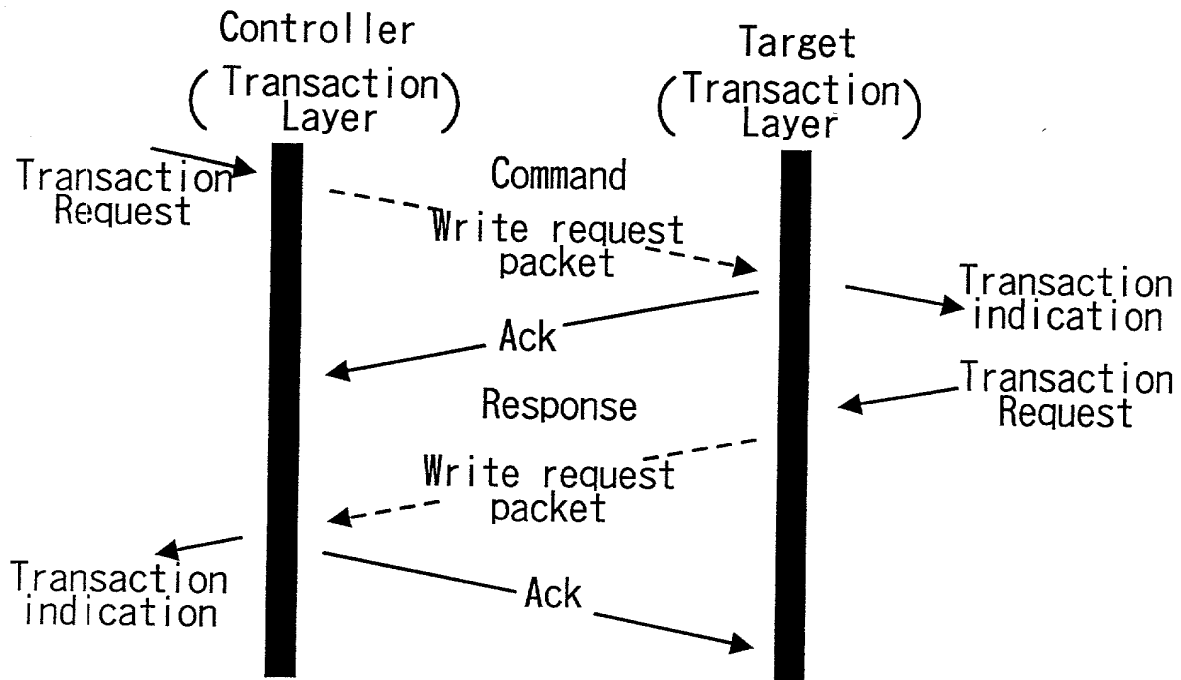


FIG. 23

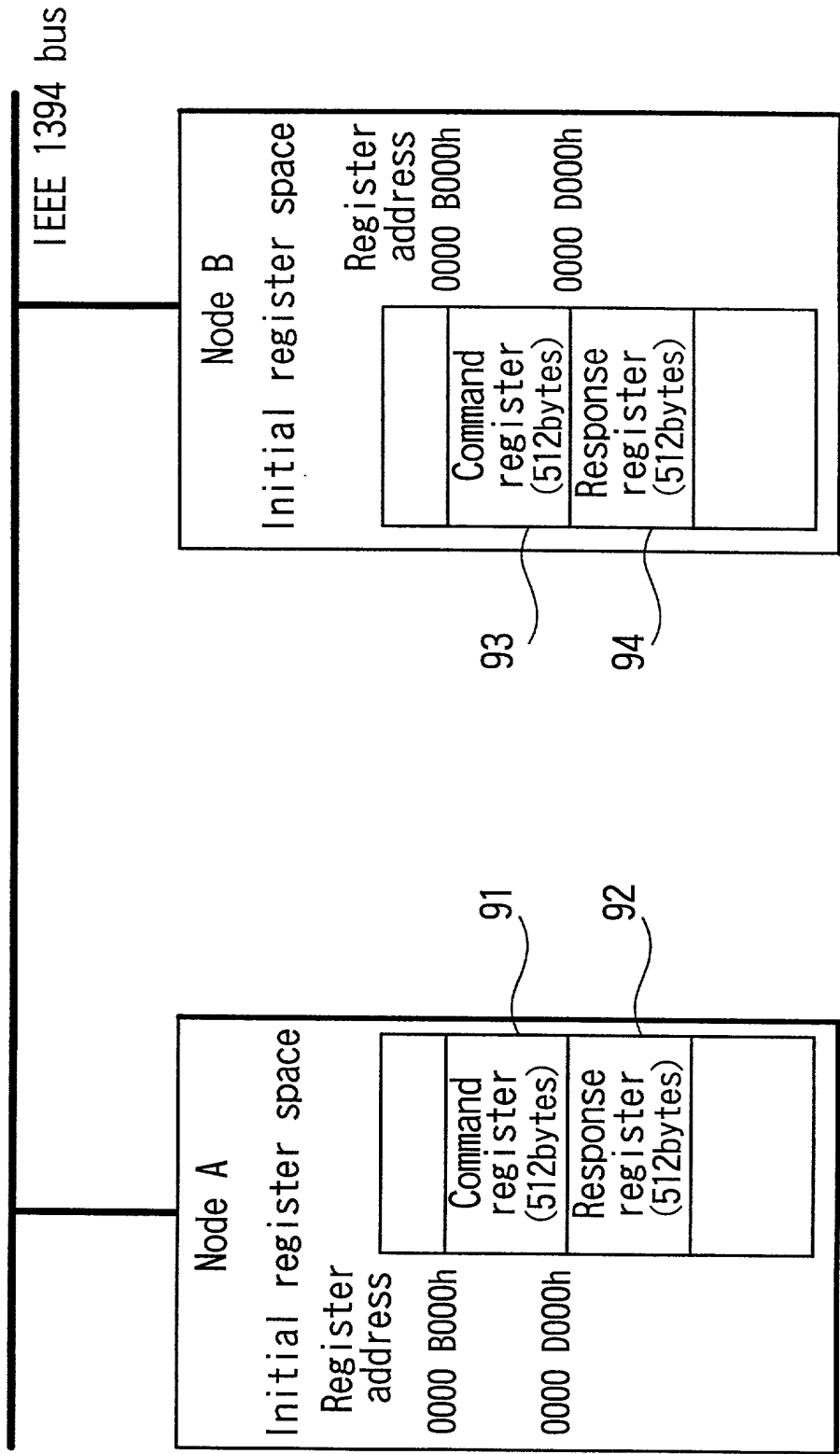


FIG. 24

Asynchronous Packet (Write Request for Data Block)

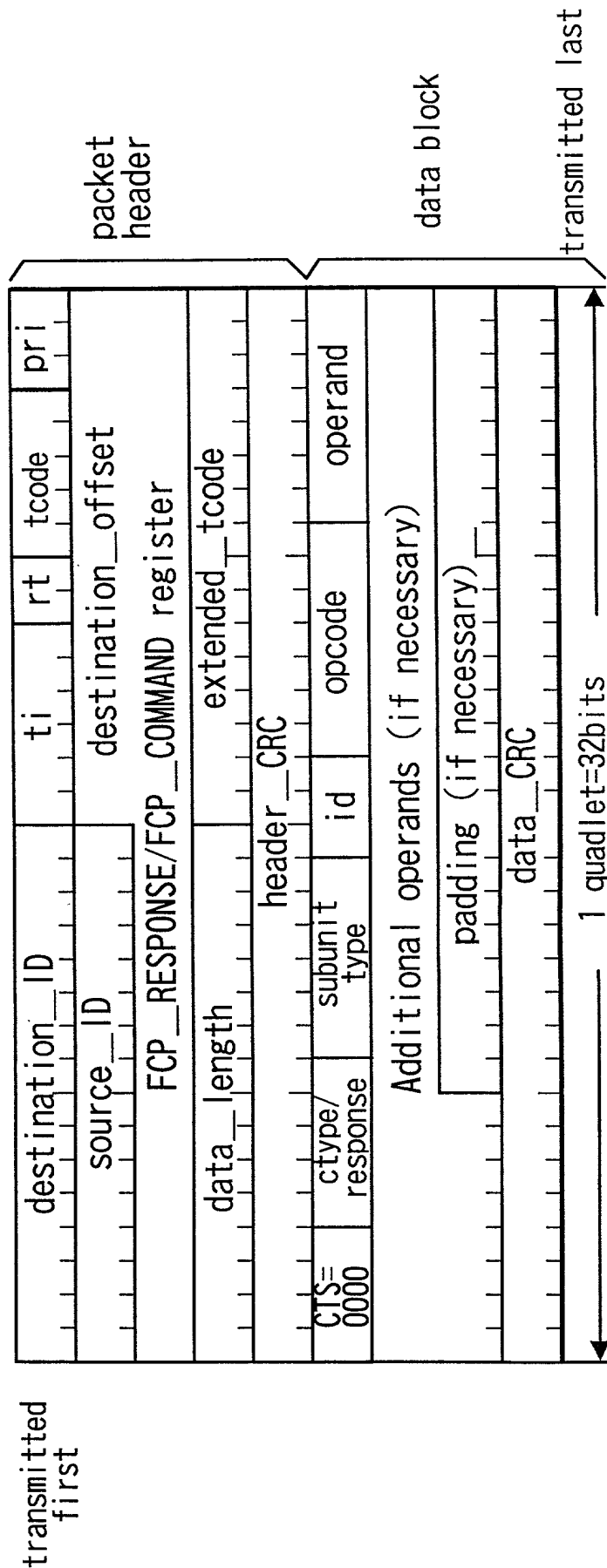


FIG. 25A

ctype/response

Command	0000	CONTROL
	0001	STATUS
	0010	SPECIFIC INQUIRY
	0011	NOTIFY
	0100	GENERAL INQUIRY
Response	0101	(reserved for future specification)
	0111	
	1000	NOT IMPLEMENTED
	1001	ACCEPTED
	1010	REJECTED
	1011	IN TRANSITION
	1100	IMPLEMENTED/STABLE
	1101	CHANGED
	1110	(reserved for future specification)
	1111	INTERIM

FIG. 25B

subunit_type

00000	Video monitor (reserved)
00000	Disc recorder/Player
00100	Tape recorder/Player
00101	Tuner
00111	Video Camera (reserved)
11100	Vendor unique (reserved)
11101	Subunit type extended to next byte
11110	
11111	Unit*

FIG. 25C

opcode: Operation Code

00h	VENDOR-DEPENDENT
50h	SEARCH MODE
51h	TIMECODE
52h	ATN
60h	OPEN MIC
61h	READ MIC
62h	WRITE MIC
C1h	LOAD MEDIUM
C2h	RECORD
C3h	PLAY
C4h	WIND
?	?

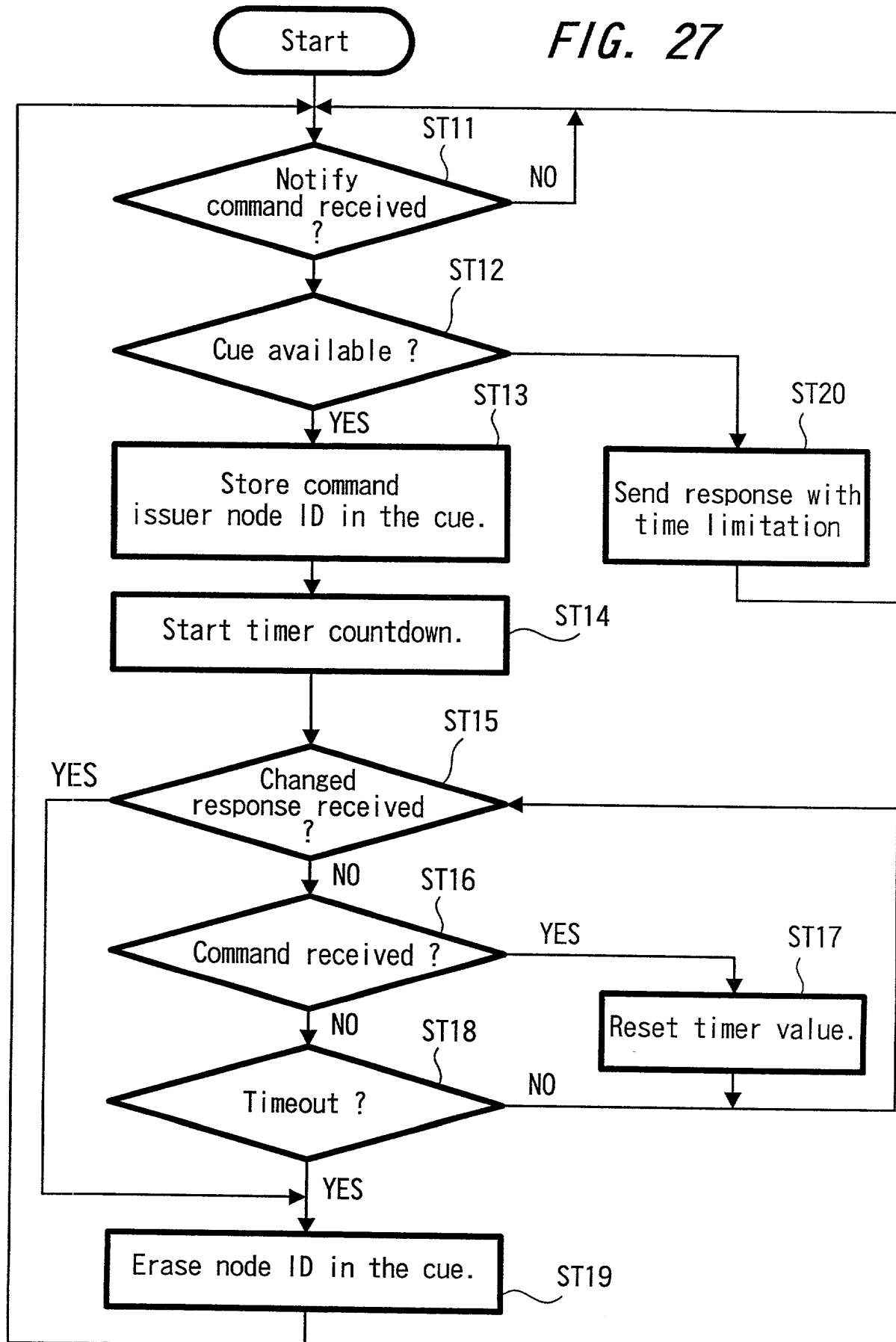
AV/C		tape recorder /player		PLAY		FORWARD	
CTS=	control	ctype=	subunit	id=000	opcode=C3h	operand=	
0000		0000	type=00100			75h	

FIG. 26A

AV/C		tape recorder /player		PLAY		FORWARD	
CTS=	accepted	response=1	subunit	id=000	opcode=C3h	operand=	
0000		001	type=00100			75h	

FIG. 26B

FIG. 27



[illegible]

	Age	Gender	Height (cm)	Weight (kg)	BMI (kg/m ²)	Waist circumference (cm)	Hip circumference (cm)	WHR	Systolic blood pressure (mmHg)	Diastolic blood pressure (mmHg)	Pulse rate (b/min)	Fasting glucose (mg/dl)	Fasting insulin ($\mu\text{U/ml}$)	HOMA-IR	LDL-C (mg/dl)	HDL-C (mg/dl)	TG (mg/dl)	Total cholesterol (mg/dl)	Triglyceride/HDL-C ratio	Log EPG	Log HbA _{1c}	Log FPG	Log FBG	Log PPV	Log AUC	Log C-peptide	Log GAD65	Log IA-ICA	Log IA-IGT	Log IA-IFG	Log IA-NF	Log IA-NF+IFG	Log IA-NF+IFG+IGT	Log IA-NF+IFG+IGT+NIDDM	Log IA-NF+IFG+IGT+NIDDM+M1D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D+M20D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D+M20D+M21D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D+M20D+M21D+M22D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D+M20D+M21D+M22D+M23D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D+M20D+M21D+M22D+M23D+M24D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D+M20D+M21D+M22D+M23D+M24D+M25D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D+M20D+M21D+M22D+M23D+M24D+M25D+M26D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D+M20D+M21D+M22D+M23D+M24D+M25D+M26D+M27D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D+M20D+M21D+M22D+M23D+M24D+M25D+M26D+M27D+M28D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D+M20D+M21D+M22D+M23D+M24D+M25D+M26D+M27D+M28D+M29D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D+M20D+M21D+M22D+M23D+M24D+M25D+M26D+M27D+M28D+M29D+M30D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D+M20D+M21D+M22D+M23D+M24D+M25D+M26D+M27D+M28D+M29D+M30D+M31D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D+M20D+M21D+M22D+M23D+M24D+M25D+M26D+M27D+M28D+M29D+M30D+M31D+M32D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D+M20D+M21D+M22D+M23D+M24D+M25D+M26D+M27D+M28D+M29D+M30D+M31D+M32D+M33D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D+M20D+M21D+M22D+M23D+M24D+M25D+M26D+M27D+M28D+M29D+M30D+M31D+M32D+M33D+M34D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D+M20D+M21D+M22D+M23D+M24D+M25D+M26D+M27D+M28D+M29D+M30D+M31D+M32D+M33D+M34D+M35D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M5D+M6D+M7D+M8D+M9D+M10D+M11D+M12D+M13D+M14D+M15D+M16D+M17D+M18D+M19D+M20D+M21D+M22D+M23D+M24D+M25D+M26D+M27D+M28D+M29D+M30D+M31D+M32D+M33D+M34D+M35D+M36D	Log IA-NF+IFG+IGT+NIDDM+M1D+M2D+M3D+M4D+M
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[illegible][illegible]

FIG. 30

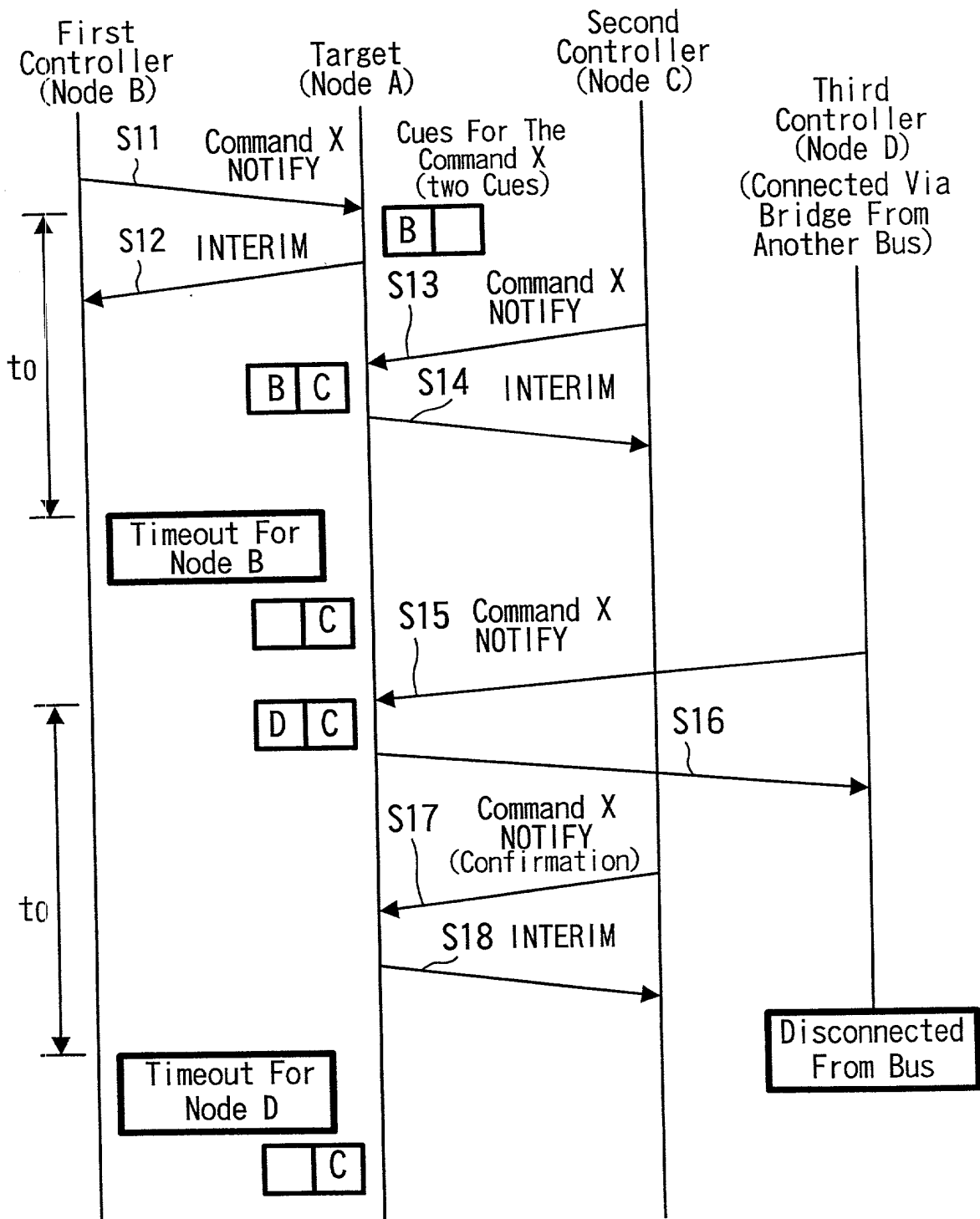


FIG. 31

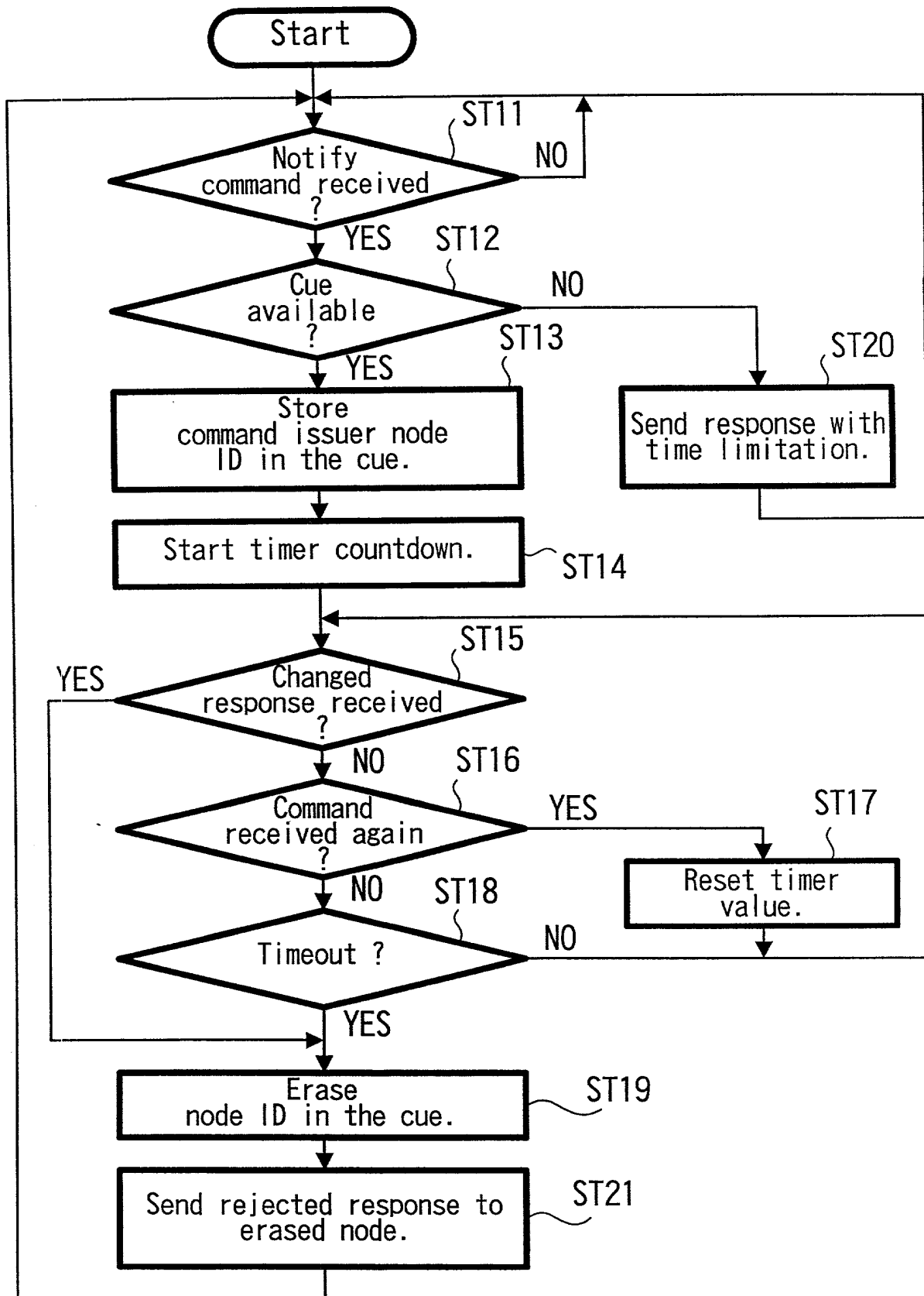


FIG. 32

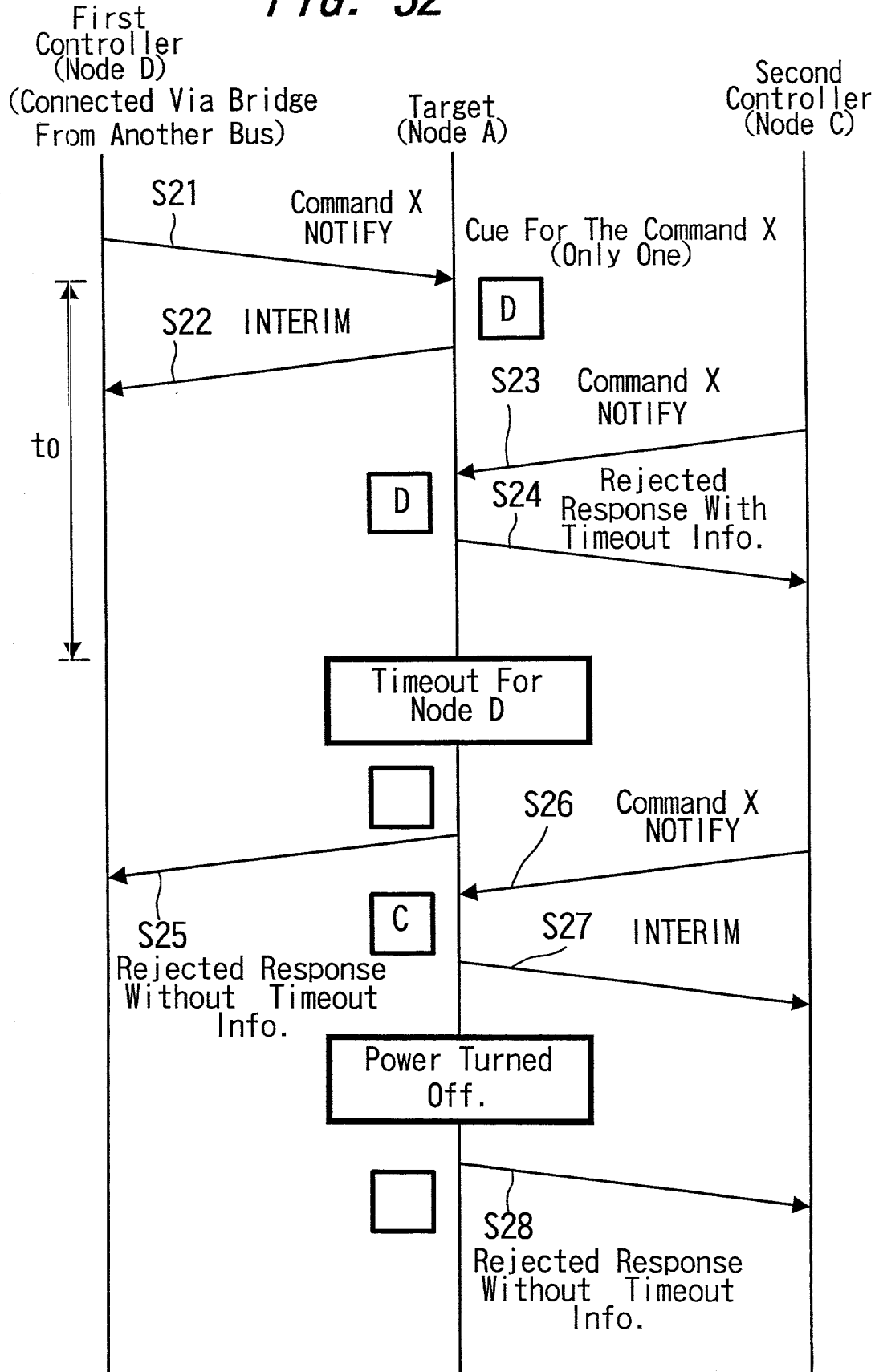


FIG. 33

ctype/response

Command	0000	CONTROL
	0001	STATUS
	0010	SPECIFIC INQUIRY
	0011	NOTIFY
	0100	GENERIC INQUIRY
	0101	(RESERVED)
	0111	(RESERVED)
Response	1000	NOT IMPLEMENTED
	1001	ACCEPTED
	1010	REJECTED
	1011	IN TRANSITION
	1100	IMPLEMENTED/STABLE
	1101	CHANGED
	1110	TIMEOUTTIME
	1111	INTERIM

FIG. 34

